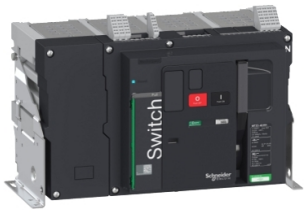
Product datasheet

Specifications



Switch disconnector, MasterPact MTZ2 40HH, 4000A, 220kA/ 440VAC 50/60Hz (Icm), 4P, fixed, right Neutral

LV846345

Main

Range	MasterPact
Product or component type	Switch disconnector
Device application	Distribution
Switch-disconnector name	MasterPact MTZ2 40 HH
Poles description	4P
Network type	AC
Network frequency	50/60 Hz

Complementary

Control type	Push-button
Mounting mode	Fixed
[Ue] rated operational voltage	440 V AC 50/60 Hz conforming to EN/IEC 60947-3
[Ie] rated operational current	4000 A AC 50/60 Hz 440 V
[Ui] rated insulation voltage	1000 V AC 50/60 Hz conforming to EN/IEC 60947-3
[Uimp] rated impulse withstand voltage	12 kV conforming to EN/IEC 60947-3
[Icw] rated short-time withstand current	75 kA during 3 s conforming to EN/IEC 60947-3 100 kA during 1 s conforming to EN/IEC 60947-3
[Icm] rated short-circuit making capacity	220 kA peak 220/415 V AC at 50/60 Hz 220 kA peak 440 V AC at 50/60 Hz
Utilisation category	AC-23A AC-3
Breaking capacity	100 kA Icu at 220/415 V AC 50/60 Hz conforming to EN/IEC 60947-2 100 kA Icu at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2
[Ics] rated service breaking capacity	100 kA at 220/415 V AC 50/60 Hz conforming to EN/IEC 60947-2 100 kA at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2
performance level	HH
Suitability for isolation	Yes conforming to EN/IEC 60947-3
Contact position indicator	Yes
Visible break	No
Mechanical durability	15000 cycles with periodic preventive maintenance conforming to EN/IEC 60947-3
Electrical durability	AC-23A: 5000 cycles 440 V AC 50/60 Hz conforming to EN/IEC 60947-3
Connection pitch	115 mm
Height	352 mm
Width	537 mm

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Depth	300 mm

Environment

Net weight	65 kg
Standards	EN/IEC 60947-3
Product certifications	IECEE CB Scheme
IP degree of protection	IP30
Pollution degree	3 conforming to EN/IEC 60947-4-1
Ambient air temperature for operation	-25…70 °C
Ambient air temperature for storage	-40…85 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	35.2 cm
Package 1 Width	53.7 cm
Package 1 Length	30.0 cm
Package 1 Weight	65.0 kg

Contractual warranty

Warranty (in months)	18

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Total lifecycle Carbon footprint	**4 069 kg CO2 eq.**
Environmental Disclosure	**Product Environmental Profile**
Carbon footprint of the manufacturing phase [A1 to A3]	**388 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**8 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**10 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**3 536 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**127 kg CO2 eq.**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**No, we have minimized the use of plastic in the packaging in compliance with regulations and considering quality and safety standards**
SCIP Number	**F31d8a4d-e9cb-4afc-bf2c-5965742ce772**
EU RoHS Directive	**Compliant By Exemption**
REACh Regulation	**Reference contains Substances of Very High Concern above the threshold**
Halogen-free status	**Product contains halogen above thresholds**
PVC free	**Yes**
Silicone-free	**No**

Use Longer

Lifetime extension

Repair	**No**

Use Again

Repack and remanufacture

Recyclability potential, in %	**71**
End of life manual availability	**End of Life Information**
Take-back	**Yes**
WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**